

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of **1**

<i>Complete if known</i>	
<i>Application Number</i>	10/750,687
<i>Filing Date</i>	December 31, 2003
<i>First Named Inventor</i>	Ju Ho KIM
<i>Art Unit</i>	3683
<i>Examiner Name</i>	Schwartz, Christopher P.
<i>Attorney Docket Number</i>	060944-0164

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
CS	A1	5,035,306		07-30-1991	Ashiba

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	
CS	A2	JP	06-264864	09-20-1994	Toshiba Corp.
					Abstract

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

Examiner Signature	I-SF/7265989.1	Chris Schwartz	Date Considered
--------------------	----------------	----------------	-----------------

**EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

U.S. PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION PTO-1449			<i>Complete If Known</i>	
			Application Number	10/750,687
			Filing Date	December 31 2003
			First Named Inventor	Ju Ho Kim
			Art Unit	3683
			Examiner Name	Schwartz, Christopher P.
<i>SEARCHED</i>	1	of	1	Attorney Docket Number
060944-0164 (formerly 11037-164-999)				

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation	
	Country Code ² - Number ³ - Kind Code ⁴ (if known)					Yes	No
QPS	DE 1805789A	05/21/1970	Germany			Abs	
QPS	DE 3911131	10/11/1990	Bosch GMBH Robert			Abs	
QPS	DE 19813796	09/30/1999	Grove US LLC			Abs	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

Examiner Signature	Chris Schwartz	Date Considered	8/19/05
--------------------	----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

WIPO Standard SI. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.